

Title (en)

STAPLING DEVICE WITH RESETTABLE TILT ANVIL ASSEMBLY

Title (de)

KLAMMERVORRICHTUNG MIT RÜCKSTELLBARER KIPPAMBOSSANORDNUNG

Title (fr)

DISPOSITIF D'AGRAFAGE AVEC ENSEMBLE ENCLUME INCLINABLE POUVANT ÊTRE REMIS À ZÉRO

Publication

**EP 3461429 A1 20190403 (EN)**

Application

**EP 18187603 A 20180806**

Priority

- US 201762541802 P 20170807
- US 201816035113 A 20180713

Abstract (en)

A surgical stapling device includes an anvil assembly (60) having a center rod and an anvil head (64) that is pivotally coupled to the center rod. The anvil head supports a cut ring assembly (78) that is movable between a pre-fired or retracted position in which the cut ring is positioned to retain the anvil head in an operative position and an advanced position in which the cut ring assembly is positioned to allow movement of the anvil head to a tilted position. The anvil assembly also includes at least one support member (82) that is movable from a pre-fired position extending into the anvil head to an advanced position extending from the distal end of the anvil head to allow the cut ring assembly to move from the first position to the second position. The at least one support member can be returned to the pre-fired position after the stapling device is fired and the anvil head has tilted to reset the anvil head to the operative position

IPC 8 full level

**A61B 17/115** (2006.01)

CPC (source: CN EP US)

**A61B 17/00234** (2013.01 - US); **A61B 17/07207** (2013.01 - US); **A61B 17/1155** (2013.01 - CN EP US); **A61B 17/0293** (2013.01 - US); **A61B 2017/00367** (2013.01 - US); **A61B 2017/00473** (2013.01 - EP US); **A61B 2017/07257** (2013.01 - CN US); **A61B 2017/07271** (2013.01 - US); **A61B 2017/07278** (2013.01 - CN)

Citation (applicant)

- US 8789737 B2 20140729 - HODGKINSON GERALD N [US], et al
- US 8424535 B2 20130423 - HESSLER THOMAS R [US], et al
- US 8360295 B2 20130129 - MILLIMAN KEITH L [US], et al
- US 9247940 B2 20160202 - WHITMAN MICHAEL P [US], et al
- US 9055943 B2 20150616 - ZEMLOK MICHAEL [US], et al
- US 8806973 B2 20140819 - ROSS ADAM J [US], et al
- US 2015014392 A1 20150115 - WILLIAMS JUSTIN [US], et al
- US 8540132 B2 20130924 - MARCZYK STANISLAW [US], et al

Citation (search report)

- [XA] EP 3120785 A1 20170125 - COVIDIEN LP [US]
- [XA] EP 3111858 A2 20170104 - COVIDIEN LP [US]
- [XP] US 2018206846 A1 20180726 - GUERRERA JOSEPH [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 11090054 B2 20210817**; **US 2019038291 A1 20190207**; CN 109381235 A 20190226; CN 109381235 B 20230915; EP 3461429 A1 20190403; EP 3461429 B1 20210303

DOCDB simple family (application)

**US 201816035113 A 20180713**; CN 201810885543 A 20180806; EP 18187603 A 20180806